MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

December 1986

RESIN KIND	DECEMBER				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	25	1	7	19	398	17	97	318	5
POLYESTER (UNSATURATED) RESINS, TOTAL	88	1	11	78	1,271	7	39	1,239	1
UREA RESINS, TOTAL	105	2	0	107	1,271	26	4	1,293	2
MELAMINE RESINS, TOTAL	12	0	1	11	174	2	10	166	1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	213	4	3	214	2,721	41	37	2,725	2
THERMOSETTING RESINS, TOTAL	443	8	22	429	5,835	93	187	5,741	2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	772	49	70	751	8,888 R	715	859	8,744	8
HIGH-DENSITY POLYTHYLENE ABOVE 0.940, TOTAL	607	5	68	544	7,171 R	45	837	6,379	1
POLYPROPYLENE, TOTAL	524	1	104	421	5,812 R	25	1,173	4,664	1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	104	4	9	99	1,099	68	109	1,058	6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10	0	1	9	92	2	13	81	3
OTHER STYRENICS	87	4	8	83	1,103	51	102	1,052	5
POLYSTYRENE, TOTAL	387	0	6	381	4,442 R	17	104	4,355	0
NYLON RESINS, TOTAL	38	3	6	35	465 R	31	67	429	7
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	671	5	29	647	7,256	201	339	7,118	3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	50	2	4	48	690	23	68	645	4
POLYVINYL ALCOHOL, TOTAL	D(4)	--	--	--	D(4)	--	--	--	--
OTHER VINYL RESINS, TOTAL	18	2	4	16	195	35	49	181	19
THERMOPLASTIC POLYESTER, TOTAL	113	1	7	107	1,175	25	126	1,074	2
THERMOPLASTIC RESINS, TOTAL	3,381	76	316	3,141	38,388 R	1,238	3,846	35,780	4
GRAND TOTAL	3,824	84	338	3,570	44,223 R	1,331	4,033	41,521	3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) The publishing of PVOH data is temporarily suspended.

D = Disclosure
R = Revision

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Sources: Production - SPI Monthly Statistical Report
Imports - Bureau of Census IM 146
Exports - Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	26,299	24,651	+ 6.7	375,135R	367,211	+ 2.2	25,168	34,312	- 26.6	397,883	384,624	+ 3.4
Total Exports	5,037	3,353	+50.2	56,967R	42,164	+35.1						
Captive Use, Total	726	945	-23.2	12,837	15,184	-15.5						
Domestic Sales, Total	20,536	20,353	+ 0.9	305,331R	309,863	- 1.5						
Domestic Sales & Captive Use, Total	21,262	21,298	- 0.2	318,168R	325,047	- 2.1						
Bonding & Adhesives	1,181	1,317	-10.3	19,293R	17,437	+10.6						
Flooring, Paving & Exposed Aggregate	1,183	1,403	-15.7	19,320R	17,151	+12.6						
Protective Coatings	10,234	10,543	- 2.9	160,081R	168,397	- 4.9						
Fiber Reinforced Laminates & Composites, Total	5,031	4,240	+18.7	68,613R	68,582	+ 0.0						
FRL&C for Printed Wiring Board	3,700	2,519	+46.9	47,295R	42,920	+10.2						
All Other FRL&C	1,331	1,721	-22.7	21,318R	25,662	-16.9						
Tooling, Casting & Molding Resins	1,780	1,582	+12.5	23,086R	23,358	- 1.2						
All Other Uses	1,853	2,213	-16.3	27,775	30,122	- 7.8						
POLYESTER (UNSATURATED) RESINS, TOTAL	88,246	84,813	+ 4.0	1,265,397	1,233,292	+ 2.6	87,422	82,778	+ 5.6	1,270,963	1,223,129	+ 3.9
Total Exports	599	742	-19.3	9,303	9,025	+ 3.1						
Total Domestic	87,647	84,071	+ 4.3	1,256,094	1,224,267	+ 2.6						
General Purpose Resins, Total	75,457	72,342	+ 4.3	1,085,404	1,065,766	+ 1.8						
General Purpose – Thixotropic	32,639	31,422	+ 3.9	481,744	459,292	+ 4.9						
General Purpose – Press Molding	8,684	10,222	-15.0	150,333	159,948	- 6.0						
General Purpose – All Other	34,134	30,698	+11.2	453,327	446,526	+ 1.5						
Flame Retardant Resins	1,954	2,014	- 3.0	25,661	24,312	+ 5.5						
Chemical Resistant Resins	10,236	9,715	+ 5.4	145,029	134,189	+ 8.1						
Chemical Resistant Isophthalic Resins	8,293	7,116	+16.5	117,609	101,944	+15.4						
All Other Chemical Resistant Resins	1,943	2,599	-25.2	27,420	32,245	-15.0						
Reinforced Plastics, Total	64,803	64,789	+ 0.0	945,975R	948,531	- 0.3						
Non-Reinforced Plastics, Total	22,844	19,282	+18.5	310,119R	275,736	+12.5						

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R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)(1)

December 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	December			YEAR-TO-DATE			December			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
UREA RESINS, TOTAL	105,607	91,336	+15.6	1,265,733	1,202,631	+ 5.2	105,106	91,747	+14.6	1,271,275	1,209,846	+ 5.1
MELAMINE RESINS, TOTAL	14,465	14,920	- 3.0	191,068	194,139	- 1.6	12,333	13,746	-10.3	173,473	192,064	- 9.7
UREA & MELAMINE RESINS, TOTAL	120,072	106,256	+13.0	1,456,801	1,396,770	+ 4.3	117,437	105,493	+11.3	1,444,748	1,401,910	+ 3.1
Total Exports	D	D		D	D							
Total Domestic*	120,072	106,256	+13.0	1,456,801	1,396,770	+ 4.3						
Textile Treating & Coating Resins	1,778	1,279	+39.0	21,283	17,207	+23.7	1,839	1,866	- 1.4	24,791	25,473	- 2.7
Paper Treating & Coating Resins	8,124	7,790	+ 4.3	97,230	100,101	- 2.9	8,495	8,273	+ 2.7	98,890	107,492	- 8.0
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	95,629	80,884	+18.2	1,134,376	1,057,788	+ 7.2	94,617	80,636	+17.3	1,130,716	1,059,227	+ 6.7
Laminating	3,489	3,234	+ 7.9	45,196	45,321	- 0.3	3,391	3,177	+ 6.7	42,847	44,928	- 4.6
Plywood	4,728	4,238	+11.6	60,100	56,996	+ 5.4	4,633	4,404	+ 5.2	60,517	57,478	+ 5.3
Fibrous & Granulated Wood (Particle Board)	87,412	73,412	+19.1	1,029,080	955,471	+ 7.7	86,593	73,055	+18.5	1,027,352	956,821	+ 7.4
Protective Coatings (Straight & Modified)	7,346	5,985	+22.7	102,396	89,332	+14.6	6,893	6,078	+13.4	100,638	93,359	+ 7.8
All Other Uses (Includes Molding Compounds, and Exports)	7,195	10,318	-30.3	101,516	132,342	-23.3	5,593	8,640	-35.3	89,713	116,359	-22.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	211,481	214,879	- 1.6	2,757,664	2,640,097	+ 4.5	212,572	214,590	- 0.9	2,721,449	2,621,100	+ 3.8
Total Exports	1,421	1,991	-28.6	15,836	21,349	-25.8						
Total Domestic	210,060	212,888	- 1.3	2,741,828	2,618,748	+ 4.7						
Molding Compounds	15,435	14,840	+ 4.0	206,180	209,038	- 1.4	17,389	16,311	+ 6.6	215,632	217,249	- 0.7
Bonding & Adhesive Resins for:	190,315	190,963	- 0.3	2,491,528	2,340,486	+ 6.5	190,606	190,372	+ 0.1	2,459,809	2,333,631	+ 5.4
Laminating	14,547	11,019	+32.0	199,652	142,399	+40.2	14,946	9,356	+59.7	172,291	125,024	+37.8
Coated & Bonded Abrasives	1,528	1,214	+25.9	18,920	16,434	+15.1	1,537	1,216	+26.4	19,012	16,478	+15.4
Friction Materials	2,112	1,705	+23.9	29,367	26,176	+12.2	2,444	1,538	+58.9	28,763	26,055	+10.4
Insulation Materials	31,128	36,584	-14.9	411,617	419,380	- 1.9	30,737	37,132	-17.2	404,645	423,159	- 4.4
Foundry & Shell Molding	2,716	5,476	-50.4	41,533	77,094	-46.1	2,797	5,660	-50.6	41,526	79,819	-48.0
Plywood	114,367	104,321	+ 9.6	1,449,734	1,255,369	+15.5	113,205	104,121	+ 8.7	1,448,632	1,256,024	+15.3
Fibrous & Granulated Wood	16,935	16,792	+ 0.9	244,155	216,596	+12.7	17,345	16,650	+ 4.2	249,720	216,406	+15.4
Resins Sold to Rubber Industry	2,276	1,728	+31.7	30,780	28,242	+ 9.0	2,658	2,550	+ 4.2	28,488	31,123	- 8.5
All Other	4,706	12,124	-61.2	65,770	158,796	-58.6	4,937	12,149	-59.4	66,732	159,543	-58.2
Protective Coatings – Unmodified & Modified	2,388	1,748	+36.6	23,977	23,121	+ 3.7	2,366	1,796	+31.7	23,725	23,162	+ 2.4
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	1,922	5,337	-64.0	20,143	46,103	-56.3	2,211	6,111	-63.8	22,283	47,058	-52.6

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	Change	1986	1985	Change	1986	1985	Change	1986	1985	Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	775,288	779,295	- 0.5	8,798,615R	8,790,484	+ 0.0	771,960	740,040	+ 4.3	8,888,158R	8,889,052	- 0.0
Total Exports	90,045	70,971	+26.9	939,246R	1,130,831	-16.9						
Total Domestic	685,243	708,324	- 3.3	7,859,369R	7,659,653	+ 2.6						
Film (12 Mils & Below)	418,235	439,690	- 4.9	4,787,086R	4,777,345	+ 0.2						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	45,509	52,649	-13.6	574,517R	583,195	- 1.5						
Wire & Cable	23,621	20,138	+17.3	336,227R	337,272	- 0.3						
Extrusion Coating	60,228	57,388	+ 4.9	677,631R	649,352	+ 4.4						
Blow Molding	2,929	4,522	-35.2	38,582	47,126	-18.1						
Pipe & Conduit, Total	2,344	1,115	+110.2	31,617R	28,498	+10.9						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	8,308	10,596	-21.6	111,953R	102,880	+ 8.8						
Resellers & Compounders	65,203	*		606,129R	*							
All Other Uses	58,866	122,226	-51.8	695,627R	1,133,985	-38.7						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	655,230	638,007	+ 2.7	7,027,865R	6,651,093	+ 5.7	606,899	583,545	+ 4.0	7,171,157R	6,671,288	+ 7.5
Total Exports	129,429	97,267	+33.1	924,658R	877,200	+ 5.4						
Total Domestic	525,801	540,740	- 2.8	6,103,207R	5,773,893	+ 5.7						
Film (12 Mils & Below)	45,618	39,918	+14.3	497,026R	437,427	+13.6						
Sheet (Over 12 Mils)	15,255	15,899	- 4.1	176,762R	140,373	+25.9						
Injection Molding	135,930	150,532	- 9.7	1,550,289R	1,537,753	+ 0.8						
Wire & Cable	6,895	7,405	- 6.9	119,054R	113,316	+ 5.1						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	190,331	204,428	- 6.9	2,400,244R	2,245,122	+ 6.9						
Pipe & Conduit, Total	29,854	38,351	-22.2	444,453R	477,978	- 7.0						
Corrugated Pipe & Conduit	5,101	3,778	+35.0	141,978	115,590	+22.8						
Non-Corrugated Pipe & Conduit	24,753	34,573	-28.4	302,475R	362,388	-16.5						
Other Extruded Products	1,699	1,624	+ 4.6	38,495R	36,469	+ 5.6						
Resellers & Compounders	60,801	*		519,944R	*							
All Other Uses	39,418	82,583	-52.3	356,940R	785,455	-54.6						

(2) = Included in Other Extruded Products
(3) = Included in Film
* = 1985 data not available

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYPROPYLENE, TOTAL	540,038	495,056	+ 9.1	5,823,857R	5,275,109	+10.4	524,335	432,770	+21.2	5,811,957R	5,138,582	+13.1
Total Exports	121,294	85,033	+42.6	1,129,978R	874,676	+29.2						
Total Domestic	418,744	410,023	+ 2.1	4,693,879R	4,400,433	+ 6.7						
Injection Molding	106,313	103,456	+ 2.8	1,289,935R	1,274,399	+ 1.2						
Appliances	9,742	7,814	+24.7	127,135R	113,914	+11.6						
Consumer Products	23,682	27,183	-12.9	311,488R	310,159	+ 0.4						
Rigid Packaging	34,672	31,341	+10.6	430,596	386,872	+11.3						
Transportation	27,324	25,979	+ 5.2	308,112R	339,867	- 9.3						
All Other Injection Molding	10,893	11,139	- 2.2	112,604R	123,587	- 8.9						
Blow Molding	9,335	9,083	+ 2.8	104,987R	104,658	+ 0.3						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	40,292	33,487	+20.3	498,156R	389,126	+28.0						
Sheet (Over 10 Mils)	3,090	3,782	-18.3	39,605	43,655	- 9.3						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	145,322	130,474	+11.4	1,512,521R	1,432,623	+ 5.6						
Textile Applications	136,616	120,162	+13.7	1,395,243R	1,325,579	+ 5.3						
Non-Textile Monofilaments	8,706	10,312	-15.6	117,278R	107,044	+ 9.6						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	10,340	6,463	+60.0	101,438R	88,608	+14.5						
Resellers & Compounders	89,590	97,731	- 8.3	976,288R	855,606	+14.1						
All Other Uses	14,462	25,547	-43.4	170,949R	211,758	-19.3						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
ACRYLONITRILE BUTADIENE-STYRENE (ABS) RESINS, TOTAL	92,895	81,667	+13.7	1,080,450	1,015,601	+ 6.4	104,429	84,318	+23.9	1,098,788	1,028,270	+ 6.9
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,671	4,871	+78.0	87,251	84,119	+ 3.7	9,907	6,879	+44.0	91,689	87,427	+ 4.9
Total Exports	2,381	351	+578.3	13,298	8,682	+53.2						
Total Domestic	6,290	4,520	+39.2	73,953	75,437	- 2.0						
POLYSTYRENE RESINS, TOTAL	387,118	361,219	+ 7.2	4,462,549R	4,108,037	+ 8.6	387,066	357,461	+ 8.3	4,442,004R	4,053,646	+ 9.6
Straight Polystyrene	201,019	185,671	+ 8.3	2,341,198R	2,126,147	+10.1	199,385	194,015	+ 2.8	2,354,452R	2,146,760	+ 9.7
Rubber-Modified Polystyrene	186,099	175,548	+ 6.0	2,121,351R	1,981,890	+ 7.0	187,681	163,446	+14.8	2,087,552R	1,906,886	+ 9.5
Total Exports	15,403	8,818	+74.7	114,124	84,195	+35.5						
Straight Polystyrene	11,523	5,113	+125.4	80,929	48,330	+67.5						
Rubber-Modified Polystyrene	3,880	3,705	+ 4.7	33,195	35,865	- 7.4						
Total Domestic	371,715	352,401	+ 5.5	4,348,425R	4,023,842	+ 8.1						
Molding	126,107	121,330	+ 3.9	1,539,560R	1,402,779	+ 9.8						
Extrusion	180,503	152,613	+18.3	1,966,214R	1,736,571	+13.2						
Expandable Polystyrene Beads	35,175	48,947	-28.1	497,469	520,807	- 4.5						
All Other Uses	29,930	29,511	+ 1.4	345,182R	363,685	- 5.1						
Polystyrene End Uses, Total**	371,715	352,401	+ 5.5	4,348,425R	4,023,842	+ 8.1						
Packaging	96,278	84,489	+14.0	1,104,939	957,136	+15.4						
Disposables	53,383	43,859	+21.7	563,041	483,700	+16.4						
Consumer and Institutional Products	58,672	54,018	+ 8.6	610,013	654,916	- 6.9						
Electrical/Electronics	43,666	23,195	+88.3	415,367	307,517	+35.1						
Furniture, Furnishings, Building & Construction	20,560	10,380	+98.1	236,791	147,740	+60.3						
Expandable Polystyrene Beads	35,175	48,947	-28.1	497,469	520,807	- 4.5						
Resellers and Compounders	41,929	52,084	-19.5	511,767R	537,551	- 4.8						
All Other End Uses	22,052	35,429	-37.8	409,038	414,475	- 1.3						

** = Portions of the End Use Section are estimated.

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R = Revision

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
STYRENE BASED LATEXES, TOTAL	70,483	54,186	+30.1	866,560	790,069	+9.7	66,369	51,770	+28.2	822,552	736,163	+11.7
Paper Treating	4,444	2,317	+91.8	55,687	39,064	+42.6						
Textile Treating	1,925	1,175	+63.8	20,460	17,026	+20.2						
Carpet Backing	25,119	19,771	+27.0	315,343	304,370	+3.6						
All Other Uses (Including Exports & Paper Coating)	38,995	30,923	+26.1	475,070	429,609	+10.6						
OTHER STYRENE BASED POLYMERS, TOTAL • 40% or more styrene	21,806	19,485	+11.9	279,890	269,762	+3.8	20,788	18,145	+14.6	280,413	272,499	+2.9
Total Export	D	D		D	D							
Total Domestic	21,806	19,485	+11.9	279,890	269,762	+3.8						
Molding & Extrusion	19,203	15,987	+20.1	225,632	208,440	+8.2						
Coatings	2,603	3,498	-25.6	54,258	61,322	-11.5						
NYLON RESINS, TOTAL	35,527	32,025	+10.9	442,873R	402,850	+9.9	37,681	34,103	+10.5	465,407R	398,995	+16.6
Total Exports	3,544	2,256	+57.1	39,436R	24,376	+61.8						
Total Domestic	31,983	29,769	+7.4	403,437R	378,474	+6.6						
Injection Molding Grade	20,165	20,604	-2.1	265,785R	251,280	+5.8						
Extrusion Grade	8,825	6,972	+26.6	112,222R	100,419	+11.8						
Resellers and Compounders	2,096	1,550	+35.2	18,374R	18,429	-0.3						
All Other Uses	897	643	+39.5	7,056R	8,346	-15.5						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

• = Exports are included in Total Domestic and Molding & Extrusion.

Styrene Based Latexes sales includes some Canadian-produced material.

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D = Disclosure
R = Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	661,052	598,450	+10.5	7,412,471R	6,720,231	+10.3	670,728	589,427	+13.8	7,255,672	6,772,137	+ 7.1
Homopolymer Resins Including Blending & Latex	612,772	548,081	+11.8	6,809,150R	6,090,765	+11.8	617,703	534,932	+15.5	6,667,332	6,142,632	+ 8.5
Copolymer Resins Including Blending & Latex	14,828	16,279	- 8.9	203,473	253,323	-19.7	18,178	17,020	+ 6.8	198,127	255,895	-22.6
Dispersion Resins	33,452	34,090	- 1.9	399,848	376,143	+ 6.3	34,847	37,475	- 7.0	390,213	373,610	+ 4.4
Total Exports	38,088	30,662	+24.2	369,687	291,625	+26.8						
Total Domestic	622,964	567,788	+ 9.7	7,042,784R	6,428,606	+ 9.6						
Calendering, Total	61,462	65,323	- 5.9	715,581R	690,018	+ 3.7						
Flooring	12,788	14,142	- 9.6	162,604	160,832	+ 1.1						
Textile	5,976	8,191	-27.0	78,907	71,396	+10.5						
All Other Calendering Uses	42,698	42,990	- 0.7	474,070R	457,790	+ 3.6						
Coating, Total	28,118	26,890	+ 4.6	330,106	302,940	+ 9.0						
Flooring	12,439	11,970	+ 3.9	143,785	125,243	+14.8						
Textile & Paper Coating	7,996	8,947	-10.6	97,427	93,015	+ 4.7						
Protective Coatings	4,864	3,470	+40.2	48,111	45,664	+ 5.4						
Adhesives & All Other Coating Uses	2,819	2,503	+12.6	40,783	39,018	+ 4.5						
Extrusion, Total	440,054	400,572	+ 9.9	4,899,477R	4,480,994	+ 9.3						
Wire & Cable	35,590	39,451	- 9.8	419,423R	454,764	- 7.8						
Film & Sheet	21,230	18,376	+15.5	258,098	225,578	+14.4						
Siding, Siding Accessories & Mobile Home Skirting	46,029	38,570	+19.3	526,319	464,775	+13.2						
Rigid Pipe & Tubing (Except Fittings)	297,660	258,336	+15.2	3,165,460	2,808,809	+12.7						
All Other Extrusions	39,545	45,839	-13.7	530,177	527,068	+ 0.6						
Molding, Total	35,048	37,213	- 5.8	494,879R	465,399	+ 6.3						
Bottles	9,743	11,916	-18.2	187,916	162,589	+15.6						
Sound Records	5,775	5,816	- 0.7	53,846R	67,569	-20.3						
Fittings (Rigid Pipe & Tubing)	10,907	11,618	- 6.1	140,740	159,656	-11.8						
All Other Molding	8,623	7,863	+ 9.7	112,377	75,585	+48.7						
Paste Processes (Except Coating)	12,407	11,143	+11.3	155,542	155,770	- 0.1						
Plastisol Formulation	5,550	5,220	+ 6.3	75,480	77,482	- 2.6						
All Other	6,857	5,923	+15.8	80,062	78,288	+ 2.3						
Resellers & Compounders	36,956	10,573	+249.5	332,165	100,908	+229.2						
All Other Uses	8,919	16,074	-44.5	115,034	232,577	-50.5						

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R = Revision

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	49,853	45,904	+ 8.6	690,334	674,176	+ 2.4	49,853	45,904	+ 8.6	690,334	674,176	+ 2.4
Total Exports	239	390	-38.7	3,964	6,124	-35.3						
Total Domestic #	49,614	45,514	+ 9.0	686,370	668,052	+ 2.7						
Emulsion Paints	15,076	13,056	+15.5	233,721	204,497	+14.3						
Adhesives, Caulks and Sealants	18,330	17,323	+ 5.8	254,360	262,437	- 3.1						
Paper Treating & Paper Coating	9,274	8,482	+ 9.3	109,882	110,969	- 1.0						
Textile Treating	2,530	2,514	+ 0.6	32,044	31,964	+ 0.3						
Non-Woven Binders	D	D		D	D							
All Other Uses	4,404	4,139	+ 6.4	56,363	58,185	- 3.1						
POLYVINYL ALCOHOL, TOTAL #	D(4)	12,158	n.c.	D(4)	145,870	n.c.	D(4)	12,728	n.c.	D(4)	138,352	n.c.
Total Exports	D(4)	3,657		D(4)	30,875							
Total Domestic	D(4)	8,501		D(4)	114,995							
OTHER VINYL RESINS*, TOTAL	11,913	15,857	-24.9	180,357	191,437	- 5.8	17,682	16,504	+ 7.1	194,924	189,699	+ 2.8
Total Exports	3,073	3,786	-18.8	49,661	47,386	+ 4.8						
Total Domestic	8,840	12,071	-26.8	130,696	144,051	- 9.3						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	110,681	86,705	+27.7	1,160,300	955,732	+21.4	113,452	86,647	+ 30.9	1,174,838	964,675	+21.8
Total Exports	8,425	10,856	-22.4	151,568	114,031	+32.9						
Total Domestic	102,256	75,849	+34.8	1,008,732	841,701	+19.8						
PET Bottle Grades	76,508	56,202	+36.1	722,167	622,098	+16.1						
All Other Thermoplastic Polyester**	25,748	19,647	+31.1	286,565	219,603	+30.5						

** = Includes All Other PET and All Injection Molding Grades

= Includes imputed data

(1) = Included in All Other Uses

(4) = The Publishing of PVOH data is temporarily suspended until further notice.

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

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MONTHLY STATISTICAL REPORT

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

FOURTH QUARTER, 1986

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING CO.		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL CO.							PDE							PDE					PD
ALLIED BENDIX					PD														
ALPHA CHEMICAL CORPORATION		PDE																	
AMERICAN CYANAMID COMPANY			PDE	PDE															
AMERICAN HOECHST CORP. - PLASTICS DIVISION							PDE												
AMERICAN HOECHST CORP. SOU-TEX DIVISION				PD	PD														
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE								
ANDERSON DEVELOPMENT CO.													PD						
ARCO CHEMICAL											PDE		PDE						
ARISTECH CHEMICAL CO.		PDE						PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD														
ASOMA POLYMERS, INC.											PD								
ATOCHEM, INC.														PDE					
AZS CORPORATION		PD																	
BASF CORPORATION											PDE			PDE					

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SPI — MONTHLY STATISTICAL REPORT — CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BELDING CHEMICAL INDUSTRIES														PD					
BORDEN CHEMICAL COMPANY			PD	PD	PDE										PDE	D			
BORG-WARNER CHEMICALS, INC.									PDE	PD									
CARGILL, INC.		PD																	
CELANESE CHEMICAL COMPANY																D			
CELANESE ENGINEERING RESINS														PDE					PDE
CERTAIN-TEED PRODUCTS CORP.															PD				
CHEMBOND CORPORATION			PD	PD	PDE														
CHEVRON CHEMICAL OLEFINS						PDE	PDE				PDE								
CIBA-GEIGY CORP	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.														PD					
DAN RIVER, INC.			PD																
DART POLYMERS											PD								
DIVERSITECH GENERAL													PDE						
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
E. I. DUPONT DE NEMOURS AND COMPANY						PDE	PDE						PDE	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EL PASO PRODUCTS CO.						PDE		PDE											

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EMSER INDUSTRIES														PD					
EXXON CHEMICAL AMERICAS						PDE	PDE	PDE											
FINA OIL & CHEMICAL								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						
FORMICA CORPORATION				PDE	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
H. B. FULLER																D			
GENERAL ELECTRIC COMPANY																			PDE
GEORGIA-GULF															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS AND RESINS DIV OF SCM		PD																	
B. F. GOODRICH CHEMICAL CO.										PDE									
GOODSON CHEMICAL CORP.											PD								
GOODYEAR CHEMICAL DIVISION												PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W. R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD															
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.								PDE	PDE										

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
HOECHST FIBERS INDUSTRIES																			PDE
HUNTSMAN CHEMICAL CORP.											PDE								
ICI AMERICAS		PDE																	PDE
INMONT CORPORATION		PDE			PD														
INTERPLASTICS CORPORATION		PD																	
INTEREZ, INC.	PDE		PD	PD															
IRONSIDES CO.					PD														
KEYSOR-CENTURY CORPORATION															PD				
KOPPERS COMPANY		PD			PDE														
MASONITE CORPORATION					PD														
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PDE	PDE					PDE	PDE			PDE	PDE		DE		PDE	
MORTON INDUSTRIES												PD							
NATIONAL STARCH & CHEMICALS CORP																D			
NYLON CORP. OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORP.					PDE														
OWENS-CORNING FIBERGLAS		PDE		PD	PD														
PERKINS INDUSTRIES, INC.		PD			PD														
PERSTORP COMPOUNDS INC.			PDE	PDE															

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SPI — CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
PHILLIPS CHEMICAL COMPANY						DE	PDE	PD					PDE						
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYMER APPLICATION, INC.					PD														
POLYREZ COMPANY, INC.					PDE														
POLYSAR, INC.											PDE								
POLYSAR LATEX												PD							
RAYMARK INDUSTRIES					PD														
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD				DE			
ROGERS CORPORATION					PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SHAKESPEARE COMPANY														PD					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHINTECH, INC.															PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																	
SOLTEX POLYMER CORP.						PDE	PDE	PDE											
TEXSTYRENE PLASTICS											PD								
UNION CARBIDE COPORATION	PDE				PDE	PDE	PDE									DE			
UNION CHEMICAL												PD				D		PD	

SPI

SECTION I

MONTHLY STATISTICAL REPORT

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
U.S.I. CHEMICALS CO.						PDE	PDE	PDE								D			
VALCHEM DIV. OF UNITED MERCHANTS, INC.			PD																
VALITE DIVISION OF VLATENTINE SUGARS, INC.					PD														
VANLEER CONTAINERS, INC.					PD														
VISTA CHEMICAL CO.															PDE				
WELLMAN, INC.														PDE					
TOTALS	6	18	14	13	26	11	13	11	4	4	14	8	9	12	11	12	2	7	8

4/2/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FULL YEAR 1986

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

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RELEASE DATE: March 25, 1987

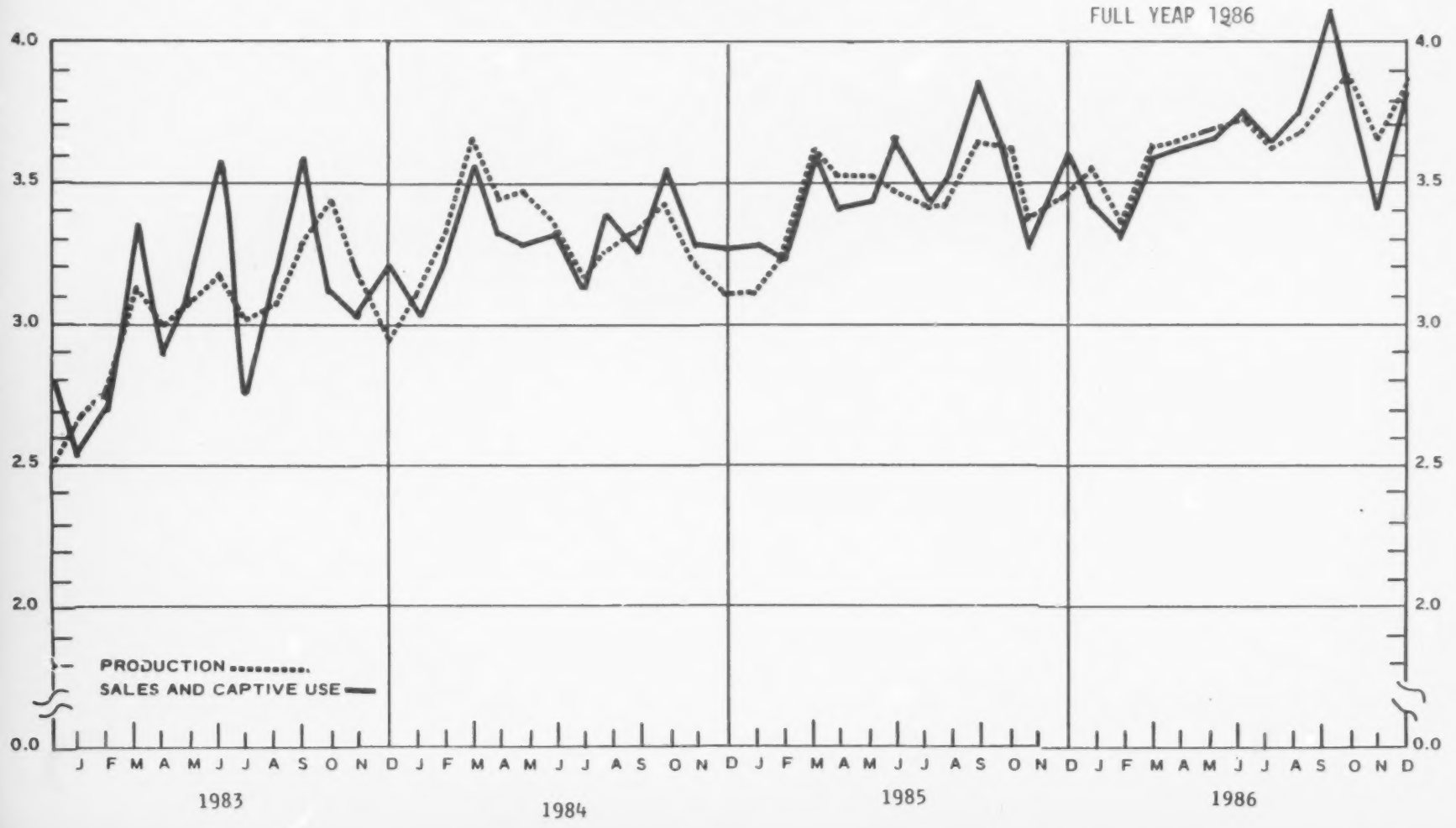
The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)


FULL YEAR 1986
4.0
3.5
3.0
2.5
2.0
0.0
PRODUCTION
SALES AND CAPTIVE USE
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1983
1984
1985
1986

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